

THE LABOUR FORCE

FEBRUARY 1974

**AUSTRALIAN
BUREAU OF
STATISTICS**

CANBERRA

Reference No 6.20.

AUSTRALIAN BUREAU OF
STATISTICS, CANBERRA

Reference No. 6.20

THE LABOUR FORCE, FEBRUARY 1974

CONTENTS

<i>Table</i>		<i>Page</i>
..	Summary of results	2
..	Explanatory notes	2
..	Graphs	6
	Civilian population 15 years of age and over	
1.	Employment status	7
	Civilian labour force	
2.	Employment status, birthplace and year of arrival in Australia	8
3.	Seasonally adjusted estimates (revised series)	9
4.	Age	11
5.	Participation rates by age and birthplace	11
	Employed persons	
6.	Occupation	11
7.	Occupation and birthplace	12
8.	Industry	12
9.	Industry and birthplace	13
10.	Hours worked	14
11.	Persons who worked less than 35 hours, by reason	15
12.	Married women, by industry and hours worked	15
	Unemployed persons	
13.	Age	15
14.	Age and birthplace	16
15.	Unemployment rates, State capital cities and other areas	16
16.	Looking for full-time work and looking for part-time work	16
17.	Duration of unemployment	17
18.	Duration of unemployment, by age, etc.	17
19.	Unemployment rates, industry and occupation	18
20.	Industry, occupation and duration of unemployment	18
	Persons not in the labour force	
21.	Major activity	19
	Technical note	
..	Estimation procedure	20
..	Redesign and reselection of the sample	20
..	Reliability of the estimates	20
..	Population survey reports	22

SUMMARY OF RESULTS, FEBRUARY 1974 (a)

	Males	Females	Persons
NUMBER ('000)			
Civilian population aged 15 years and over	4,724.5	4,798.2	9,522.7
Not in the labour force	831.6	2,800.7	3,632.3
In the labour force	3,893.0	1,997.5	5,890.5
Employed	3,836.3	1,933.8	5,770.1
In full-time jobs	3,701.9	1,371.3	5,073.2
In part-time jobs	134.4	562.6	697.0
Unemployed	56.7	63.7	120.4
Looking for full-time work	51.3	42.1	93.5
Looking for part-time work	5.3	21.5	26.9
RATES (Per cent)			
Labour force participation rate (b)	82.4	41.6	61.9
Unemployment rate (c) –			
Original	1.5	3.2	2.0
Seasonally adjusted	1.3	2.6	1.7

(a) For a note on persons excluded see paragraph 6. Definitions of the categories of the population shown in the table are given on pages 2 and 3. (b) The labour force in each group as a percentage of the civilian population aged 15 and over in the same group. (c) The unemployed in each group as a percentage of the civilian labour force in the same group.

EXPLANATORY NOTES

Introduction

This bulletin contains estimates of the civilian labour force derived from the results of the population survey, which is carried out on a sample basis throughout Australia in February, May, August and November each year.

2. A summary of results is published each quarter, in advance of this more detailed bulletin, in *The Labour Force: Preliminary Statement* (Reference No. 6.32).

3. This issue includes seasonally adjusted statistics which have been revised following the annual reanalysis of data. See Table 3, pages 9 and 10. In addition, employed persons classified by occupation and industry groups are shown in Tables 6 to 9 and new estimates of average hours worked in various industry groups are shown in Table 10.

4. Although emphasis in the survey is placed on

the regular collection, each quarter, of data on the demographic and labour force characteristics of the population, supplementary surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from supplementary surveys are published in mimeographed bulletins which are available free on request. (See page 22, of this bulletin for a list of titles.)

The population survey

5. The survey is based on a multi-stage area sample of private dwellings (about 27,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds of one per cent of the population of Australia. The information is obtained each quarter from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are carried out during a period of four weeks, so that there are four survey weeks in each of the months to which the survey relates. These four survey weeks are chosen so as to fall within the limits of the calendar month or with minimum encroachment into the adjacent months.

Scope

6. The estimates relate to all persons aged fifteen years and over except members of the permanent armed forces, national servicemen enlisted in the Regular Army Supplement and certain diplomatic personnel customarily excluded from census and estimated populations.

Classification of the labour force

7. The labour force classification used in the surveys conforms closely to that recommended by the Eighth International Conference of Labour Statisticians, 1954. The labour force category to which a person is assigned depends on his *actual activity* (i.e. whether working, looking for work, etc.) during a specified week, known as *survey week*, which is the week immediately preceding that in which the interview takes place. The principal categories of the labour force appearing in the tables in this bulletin are defined in the following paragraphs.

8. The labour force comprises all persons who, during the survey week, were employed or unemployed as defined in paragraphs 9 and 10.

9. Employed persons comprise all those who, during the survey week,

- (a) did any work for pay, profit, commission or payment in kind, in a job or business, or on a farm (including employees, employers and self-employed persons), or

- (b) worked fifteen hours or more without pay in a family business (or farm), or
- (c) had a job, business or farm, but were not at work because of illness, accident, leave, holiday, production hold-up due to bad weather, plant breakdown, etc., or because they were on strike.

A person who had a job but was temporarily laid off by his employer for the whole week without pay is excluded, and is classified in the tables as unemployed. A person who did some work during the week, however, before he either lost his job or was laid off, is classified as employed. A person who held more than one job is counted only once, in the job at which he worked most hours during the survey week.

10. **Unemployed persons** comprise all those who, during the survey week, did not work at all, and who either

- (a) did not have a job or business and were actively looking for full-time or part-time work (including those who stated that they would have looked for work if they had not been temporarily ill or believed no work was available, or had not already made definite arrangements to start work in a new job after the survey week), or
- (b) were laid off from their jobs without pay for the whole week.

A person who either lost his job or was laid off *during* the survey week, but did some work at his job during the survey week, is classified as employed.

11. **Full-time workers** are those who usually work 35 hours a week or more and others who, although usually part-time workers, worked 35 hours or more during the survey week. **Part-time workers** are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour are disregarded.

12. **Persons not in the labour force** are those who, during the survey week, were not in the categories 'employed' or 'unemployed' as defined. This category therefore includes persons without a job, business or farm who were not actively looking for work, and who, during the survey week, were either keeping house (unpaid), attending an educational institution (e.g. school or university), retired or voluntarily idle, permanently unable to work or inmates of institutions. A person who worked less than fifteen hours without pay in a family business during the survey week is also classified as not in the labour force.

Industry classification

13. In quarterly and annual *Labour Force* bulletins prior to November 1972 the industry estimates were based on the Classification of Industries used at the 1961 and 1966 population censuses. As from November 1972 industry has been classified according to the *Australian Standard Industrial Classification* (ASIC). Estimates for particular industries for November 1972 and later periods are not, therefore, directly comparable with those for August 1972 and earlier periods.

14. During the changeover to the use of the Australian Standard Industrial Classification the industry of persons in the labour force was classified according to both ASIC and the 1966 Population Census Classification for five consecutive surveys. An indication of the relationship between the two classifications was given by Tables 8 and 9 in the combined November 1972 and February 1973 issue of this bulletin, in which employed persons were classified by industry on both bases for the period August 1971 to August 1972. Unemployed persons classified by their last job according to ASIC were shown in Table 21 and 22 for the period August 1971 to February 1973.

Birthplace and year of arrival in Australia

15. A summary of the principal statistics of birthplace and year of arrival is given in Table 2. Very small estimates shown in this and other tables should be used with caution as they are subject to high relative standard errors. It is particularly important that the likely standard errors of such estimates be kept in mind. For example, although the number of persons who had arrived in Australia in the period January 1973 to February 1974 and who were unemployed in February 1974 is given as 4,200, this is not a precise measure; the approximate standard error of this estimate suggests that there are about nineteen chances in twenty that the figure obtained from a complete enumeration would have been within the wide range of 2,600 to 5,800. The corresponding estimated percentage (5.3) is subject to almost the same relative sampling variability as is the estimate of the number unemployed. For further details concerning standard errors see the Technical Note, page 20.

Effect of the revised sample

16. As explained on page 20, the revised sample of dwellings was phased in over three surveys, May to November 1972. The February 1972 estimates were based entirely on the previous sample, and the November 1972 estimates were based entirely on the revised sample. Because of the introduction of the revised sample the standard errors on quarter-to-quarter

movements between February and November 1972 were greater than usual (see page 20, paragraph 7). In addition, there was some discontinuity between results obtained from the previous and revised samples. Although investigation has indicated that the discontinuity was only slight and within the acceptable limits of standard error, care should be taken in interpreting movements in the estimates during this period. Long-term comparisons have not been affected.

Revision of present estimates

17. The survey estimates are calculated in such a way as to conform to the independently estimated distribution of the population by age and sex. As a consequence, when the population estimates are revised it becomes necessary to revise the labour force estimates also.

18. Estimates of total population, revised on the basis of the 1971 population census, were published for the period 30 September 1966 to 30 June 1972 in the bulletin *Summary of Vital and Population Statistics*, June quarter 1972 (Reference No. 4.11). These indicate that the estimates used for the population surveys in mid-1971 were, overall, some 55,000 persons too high. The revised estimates classified by age over the intercensal period, which are necessary to enable the revision of the labour force estimates to be carried out, are not yet available. In the meantime, the estimates in this bulletin will continue to be published on the present basis, since they are regarded as sufficiently accurate for the measurement of short-term movements. However, caution should be exercised if they are used as indicators of long-term change.

19. A preliminary assessment of the effect of the revised population estimates indicates that it will be necessary to reduce the level of the estimated labour force from August 1971 onwards by about 28,000 persons (mostly males). Successively smaller revisions will be made to the estimates for earlier periods back to August 1966.

Differences between population census and population survey estimates

20. Results of the 1971 population census have been published in a series of bulletins entitled *Summary of Population* (Reference No. 2.83). The labour force estimates from the June 1971 census differ from the corresponding estimates derived from the population surveys of May and August 1971. Even when, as explained in paragraphs 17 to 19 above, the labour force estimates from the survey have been revised, this difference will still be substantial.

21. The definition of the labour force used in the

population census is similar to that used in the survey (see paragraph 7 to 10). However, evidence from census post-enumeration surveys indicates that the personal interview approach, as used in the quarterly survey, tends to identify a larger number of persons as being in the labour force than does the filling in of the questions on the census schedule by the householder, and that this tendency increased between the 1966 and 1971 censuses.

22. These considerations should be borne in mind if comparisons of the total labour force or of labour force participation rates are made between the 1971 census and the 1971 labour force survey estimates.

Estimates for earlier periods

23. The principal items in this bulletin are shown for the six latest quarters. Greater detail is given for the latest quarter only. A wider range of detailed estimates for each quarter from February 1964 to November 1972, has been published in bulletins entitled *The Labour Force*, covering the period 1964 to 1968 and single years thereafter (all Reference No. 6.22).

Discontinuity of series

24. The survey periods for February in the years 1971, 1972 and 1974 were later than in other years, and as a consequence the estimates of the proportion of the population 15 years and over who "went to school" are correspondingly higher. No exact estimates of this effect are available, however, it may be conjectured that had these survey periods been one week earlier approximately 20,000 fewer persons would have been classified in the "went to school" category. In addition, in February 1974 the survey period in Queensland was delayed by a further week in order to avoid as far as possible the effects of the flood.

25. At the 1971 population census, *trainee teachers* (enrolled at government teachers colleges and in some cases enrolled also at other institutions) were for the first time classified as *not in the labour force*, and since then they have also been excluded from labour force estimates derived from the population survey. Exclusion of these students constitutes a break in the series between May and August 1971, the numbers of males and females excluded from the labour force in August 1971 being approximately 7,000 and 17,000 respectively.

Seasonally adjusted series

26. Seasonally adjusted estimates for selected labour force characteristics are shown in Table 3. The seasonally adjusted series have been revised following annual re-analysis of data. Details of the methods used in

seasonally adjusting these statistics are explained in *Seasonally Adjusted Indicators*, 1974 (Reference No. 1.10).

Symbols and abbreviations used in this bulletin

— Break in continuity of series (where drawn across a

column between two successive figures).

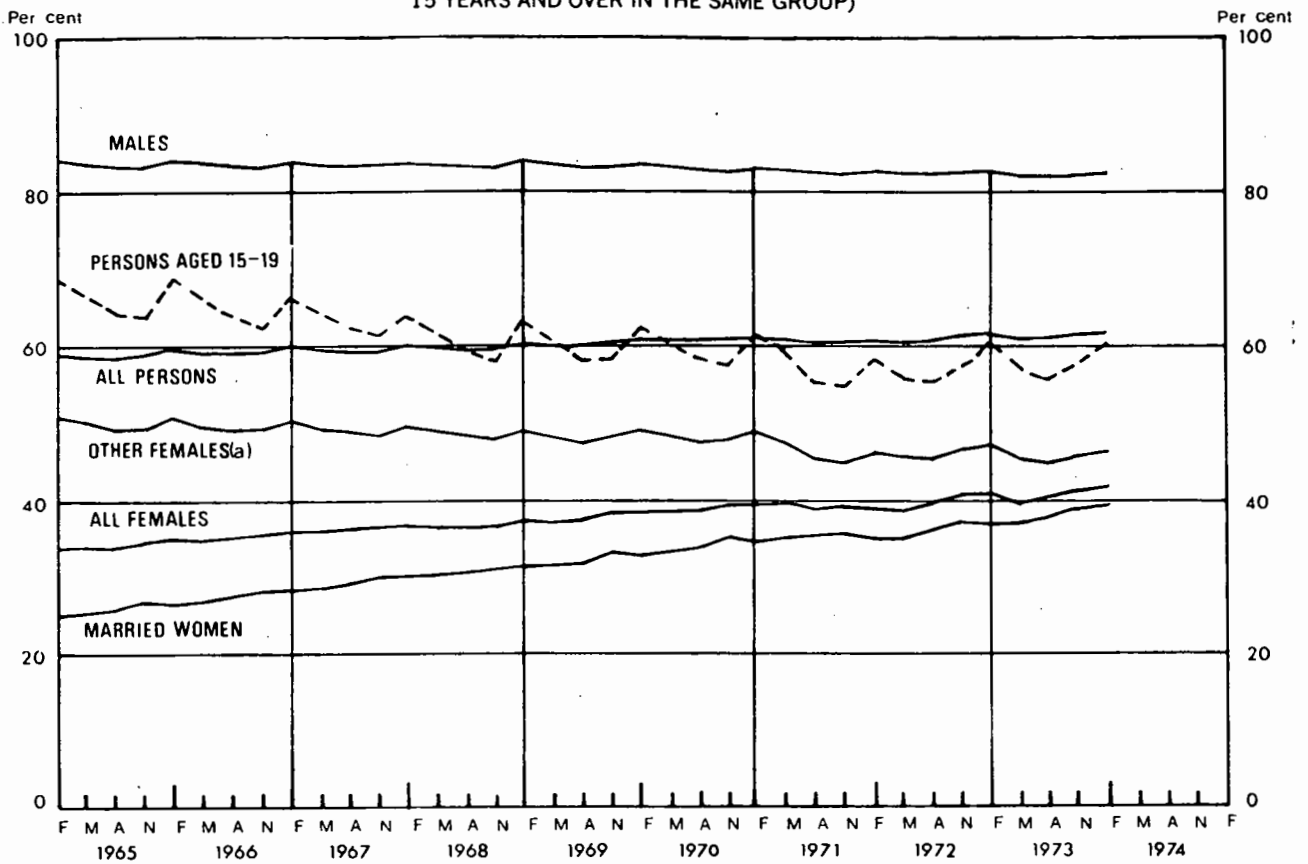
* Less than or based on a figure less than 4,000. See page 21, paragraph 10.

† Affected by industrial dispute.

NOTE. Any discrepancies between totals and sums of components in tables are due to rounding.

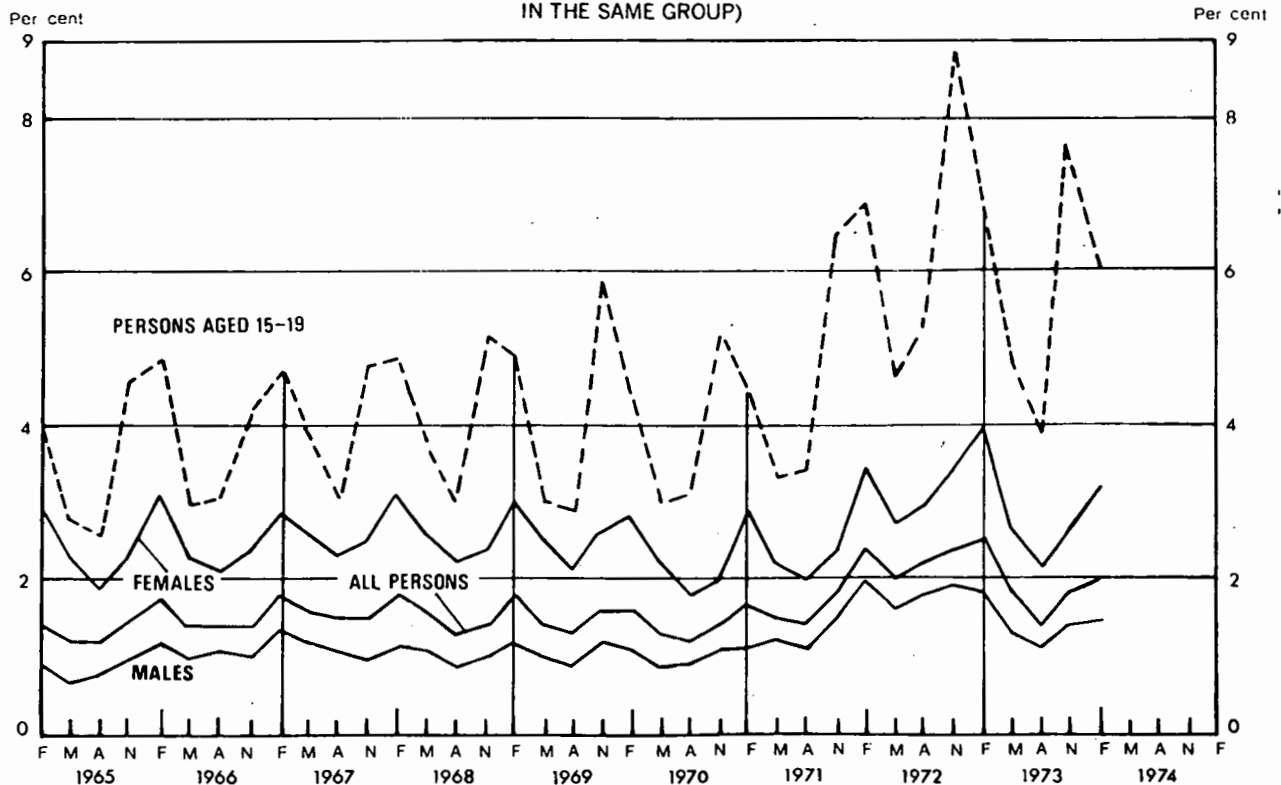
LABOUR FORCE PARTICIPATION RATES

(THE LABOUR FORCE IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER IN THE SAME GROUP)



UNEMPLOYMENT RATES

(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN LABOUR FORCE IN THE SAME GROUP)



(a) Never married, widowed and divorced.

TABLE 1. - CIVILIAN POPULATION 15 YEARS OF AGE AND OVER (a), BY EMPLOYMENT STATUS

Month	Employed (b)			Unemployed (b)		Total labour force (b)		Not in labour force ('000)	Civilian population aged 15 and over (a) ('000)
	Agri-culture (c) ('000)	Other industries (c) ('000)	Total ('000)	Number ('000)	Per cent of labour force	Number ('000)	Per cent of population (d)		
MALES									
1972 -									
November	315.8	3,415.1	3,730.9	70.7	1.9	3,801.6	82.5	807.5	4,609.1
1973 -									
February	311.2	3,452.2	3,763.4	67.9	1.8	3,831.3	82.6	806.8	4,638.1
May	309.4	3,453.7	3,763.1	50.7	1.3	3,813.8	82.0	839.0	4,652.8
August	316.3	3,464.7	3,781.1	41.0	1.1	3,822.1	82.0	839.9	4,662.0
November †	310.2	3,489.1	3,799.3	54.3	1.4	3,853.6	82.1	837.8	4,691.4
1974 -									
February (e)	305.5	3,530.8	3,836.3	56.7	1.5	3,893.0	82.4	831.6	4,724.5
MARRIED WOMEN									
1972 -									
November	61.7	1,080.8	1,142.5	28.2	2.4	1,170.7	37.5	1,949.7	3,120.4
1973 -									
February	59.4	1,068.4	1,127.8	39.3	3.4	1,167.1	37.2	1,971.2	3,138.4
May	54.5	1,099.9	1,154.4	25.9	2.2	1,180.3	37.3	1,980.8	3,161.1
August	58.5	1,114.5	1,173.0	21.5	1.8	1,194.5	38.0	1,947.8	3,142.3
November †	60.7	1,151.4	1,212.1	19.5	1.6	1,231.5	39.0	1,925.3	3,156.8
1974 -									
February (e)	58.2	1,158.7	1,216.9	32.4	2.6	1,249.4	39.3	1,933.7	3,183.1
OTHER FEMALES (f)									
1972 -									
November	12.2	681.3	693.5	37.3	5.1	730.9	46.6	837.2	1,568.1
1973 -									
February	11.3	694.6	705.9	36.3	4.9	742.3	47.0	836.3	1,578.5
May	10.5	672.9	683.4	23.6	3.3	707.0	45.1	859.1	1,566.1
August	10.4	681.8	692.3	19.1	2.7	711.4	44.7	879.1	1,590.5
November †	11.1	694.0	705.1	31.8	4.3	736.9	45.7	876.9	1,613.9
1974 -									
February (e)	9.8	707.1	716.9	31.2	4.2	748.1	46.3	867.0	1,615.1
ALL FEMALES									
1972 -									
November	73.9	1,762.1	1,836.0	65.5	3.4	1,901.6	40.6	2,786.9	4,688.5
1973 -									
February	70.7	1,763.0	1,833.7	75.6	4.0	1,909.4	40.5	2,807.5	4,716.9
May	65.0	1,772.8	1,837.8	49.5	2.6	1,887.3	39.9	2,839.9	4,727.2
August	69.0	1,796.3	1,865.3	40.6	2.1	1,905.9	40.3	2,826.9	4,732.8
November †	71.8	1,845.4	1,917.2	51.3	2.6	1,968.5	41.3	2,802.2	4,770.7
1974 -									
February (e)	68.0	1,865.8	1,933.8	63.7	3.2	1,997.5	41.6	2,800.7	4,798.2
PERSONS									
1972 -									
November	389.7	5,177.2	5,566.9	136.3	2.4	5,703.2	61.3	3,594.4	9,297.6
1973 -									
February	382.0	5,215.2	5,597.2	143.5	2.5	5,740.7	61.4	3,614.3	9,355.0
May	374.4	5,226.5	5,600.9	100.2	1.8	5,701.1	60.8	3,678.9	9,380.0
August	385.3	5,261.0	5,646.3	81.6	1.4	5,728.0	61.0	3,666.8	9,394.8
November †	382.0	5,334.5	5,716.5	105.6	1.8	5,822.1	61.5	3,640.0	9,462.1
1974 -									
February (e)	373.5	5,396.6	5,770.1	120.4	2.0	5,890.5	61.9	3,632.3	9,522.7

(a) For a note on persons excluded see page 2, paragraph 6. (b) For definitions see page 2, paragraphs 7 to 10. (c) Based on the Australian Standard Industrial Classification. See page 3, paragraphs 13 and 14. (d) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group (labour force participation rate). (e) See page 4, paragraph 24. (f) Never married, widowed and divorced.

TABLE 2. - CIVILIAN LABOUR FORCE (a) : EMPLOYMENT STATUS, BIRTHPLACE AND YEAR OF ARRIVAL IN AUSTRALIA, FEBRUARY 1974

Birthplace and year of arrival	Employed (b) ('000)	Unemployed (b)		Total labour force (b)	
		Number ('000)	Per cent of labour force (c)	Number ('000)	Per cent of population (d)
MALES					
Born in Australia	2,758.3	40.1	1.4	2,798.4	82.1
Born outside Australia -					
Arrived before 1955	361.3	*	*	364.8	77.7
1955 to 1961	234.7	*	*	238.2	91.6
1962 to 1966	172.5	*	*	175.7	89.6
1967 to 1972	261.7	4.7	1.8	266.4	91.8
Jan. 1973 to Feb. 1974	47.8	*	*	49.6	86.7
Total born outside Australia	1,078.0	16.6	1.5	1,094.5	86.0
Total	3,836.3	56.7	1.5	3,893.0	83.2
MARRIED WOMEN					
Born in Australia	833.9	20.8	2.4	854.7	36.5
Born outside Australia -					
Arrived before 1955	103.4	*	*	106.5	39.3
1955 to 1961	87.6	*	*	89.4	48.3
1962 to 1966	65.5	*	*	67.7	48.8
1967 to 1972	110.4	*	*	113.3	55.0
Jan. 1973 to Feb. 1974	16.1	*	*	17.8	50.7
Total born outside Australia	383.1	11.6	2.9	394.7	47.2
Total	1,216.9	32.4	2.6	1,249.4	39.3
ALL FEMALES					
Born in Australia	1,427.7	46.8	3.2	1,474.5	40.9
Born outside Australia -					
Arrived before 1955	128.2	*	*	131.9	34.0
1955 to 1961	117.0	*	*	120.7	50.7
1962 to 1966	85.0	*	*	87.8	50.1
1967 to 1972	148.4	4.2	2.8	152.6	55.8
Jan. 1973 to Feb. 1974	27.5	*	*	30.0	55.6
Total born outside Australia	506.1	16.9	3.2	523.0	46.3
Total	1,933.8	63.7	3.2	1,997.5	42.2
PERSONS					
Born in Australia	4,186.0	86.9	2.0	4,272.9	61.0
Born outside Australia -					
Arrived before 1955	489.5	7.1	1.4	496.6	57.9
1955 to 1961	351.7	7.2	2.0	358.9	72.1
1962 to 1966	257.5	6.0	2.3	263.5	71.0
1967 to 1972	410.1	8.9	2.1	419.0	74.3
Jan. 1973 to Feb. 1974	75.3	(e)4.2	(e)5.3	79.5	71.6
Total born outside Australia	1,584.1	33.5	2.1	1,617.5	67.3
Total	5,770.1	120.4	2.0	5,890.5	62.6

(a) Aged 15 years and over. (b) For definitions see page 2, paragraphs 8 to 10. (c) The unemployed in each group as a percentage of the civilian labour force in the same group. (d) The labour force in each group as a percentage of the civilian non-institutional population aged 15 years and over in the same group. Persons in institutions for whom, for the purposes of the survey, the institution was regarded as their usual place of residence, have been omitted, since it is not practicable to ascertain the birthplace or year of arrival in Australia for such persons. (e) See explanation of these figures in paragraph 15, page 3.

*Less than or based on a figure less than 4,000. See page 21, paragraph 10.

TABLE 3. - SEASONALLY ADJUSTED SERIES (a)
(Revised series)

Month	Persons in the labour force (b) ('000)							
	Males		Married women		All females		Total	
	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted
1964 -								
February	3,256.7	3,237.1	622.9	626.1	1,302.4	1,291.2	4,559.2	4,528.9
May	3,254.3	3,253.8	617.3	622.0	1,291.3	1,297.2	4,545.6	4,549.9
August	3,252.2	3,261.5	627.4	628.6	1,288.6	1,299.3	4,540.8	4,562.9
November	3,268.4	3,279.5	652.4	643.1	1,321.7	1,316.3	4,590.1	4,594.1
1965 -								
February	3,313.9	3,293.8	648.1	651.3	1,351.8	1,340.4	4,665.7	4,634.9
May	3,310.2	3,309.7	667.8	672.8	1,358.3	1,364.4	4,668.5	4,673.0
August	3,319.8	3,329.7	674.6	676.0	1,363.1	1,374.0	4,682.9	4,705.6
November	3,331.7	3,342.8	702.5	692.6	1,405.9	1,400.5	4,737.6	4,741.7
1966 -								
February	3,385.0	3,364.1	700.9	704.3	1,426.1	1,414.2	4,811.1	4,779.0
May	3,384.6	3,384.1	716.0	721.0	1,418.4	1,424.8	4,803.0	4,808.1
August	3,389.8	3,400.6	742.5	744.5	1,447.3	1,458.6	4,837.1	4,860.8
November	3,398.8	3,409.8	762.8	751.9	1,478.4	1,472.5	4,877.2	4,880.5
1967 -								
February	3,442.0	3,420.3	765.9	769.7	1,502.5	1,490.6	4,944.5	4,911.9
May	3,433.4	3,432.8	779.7	784.9	1,501.1	1,507.7	4,934.4	4,939.7
August	3,438.5	3,450.4	797.6	800.4	1,516.8	1,528.7	4,955.3	4,980.4
November	3,462.7	3,473.4	826.2	813.7	1,540.7	1,533.7	5,003.4	5,005.2
1968 -								
February	3,500.7	3,478.3	829.7	834.2	1,563.1	1,551.9	5,063.8	5,031.5
May	3,496.8	3,495.9	839.3	844.4	1,567.0	1,573.4	5,063.7	5,068.6
August	3,499.9	3,513.2	851.2	855.2	1,570.7	1,583.6	5,070.6	5,097.7
November	3,527.6	3,537.8	870.6	856.4	1,591.2	1,582.3	5,118.8	5,118.3
1969 -								
February	3,584.2	3,561.4	891.1	896.3	1,623.3	1,613.1	5,207.5	5,175.9
May	3,579.8	3,578.4	899.7	905.2	1,617.6	1,623.9	5,197.4	5,201.6
August	3,581.5	3,596.4	920.7	925.7	1,630.0	1,644.2	5,211.5	5,241.3
November	3,611.3	3,620.6	971.5	954.6	1,696.0	1,684.6	5,307.3	5,303.9
1970 -								
February	3,667.5	3,644.5	960.9	967.0	1,706.4	1,696.4	5,373.9	5,342.3
May	3,664.7	3,662.9	984.5	990.5	1,721.1	1,728.4	5,385.8	5,390.3
August	3,664.3	3,680.5	1,003.5	1,009.2	1,727.2	1,743.3	5,391.5	5,424.3
November	3,678.2	3,686.5	1,059.4	1,040.3	1,786.2	1,771.9	5,464.4	5,458.0
1971 -								
February (c)	3,721.5	3,698.6	1,045.4	1,052.1	1,791.5	1,781.1	5,513.0	5,480.8
May	3,728.1	3,726.3	1,064.5	1,071.6	1,797.1	1,806.3	5,525.1	5,531.1
August (d)	3,709.4	3,726.3	1,067.1	1,072.7	1,771.1	1,787.9	5,480.5	5,514.7
November	3,734.6	3,741.6	1,097.7	1,078.2	1,795.2	1,778.0	5,529.8	5,519.5
1972 -								
February (c)	3,781.3	3,758.9	1,080.3	1,087.0	1,801.3	1,791.3	5,582.6	5,551.0
May	3,777.6	3,776.1	1,092.3	1,100.0	1,794.9	1,806.2	5,572.6	5,580.7
August	3,768.4	3,785.7	1,131.2	1,136.5	1,831.9	1,849.0	5,600.3	5,635.5
November	3,801.6	3,808.1	1,170.7	1,150.8	1,901.6	1,883.0	5,703.2	5,691.5
1973 -								
February	3,831.3	3,808.8	1,167.1	1,173.4	1,909.4	1,898.1	5,740.7	5,707.7
May	3,813.8	3,812.3	1,180.3	1,189.0	1,887.3	1,900.2	5,701.1	5,710.4
August	3,822.1	3,839.9	1,194.5	1,199.6	1,905.9	1,923.2	5,728.0	5,764.0
November	3,853.6	3,859.8	1,231.5	1,211.3	1,968.5	1,949.6	5,822.1	5,810.0
1974 -								
February (c)	3,893.0	3,870.4	1,249.4	1,255.5	1,997.5	1,984.7	5,890.5	5,855.9

For footnotes see next page.

TABLE 3. - SEASONALLY ADJUSTED SERIES (a) - continued
(Revised series)

Month	Participation rate (per cent)				Unemployed persons(b)('000)					
	Males		Females		Males		Females		Total	
	Original (e)	Seasonally adjusted	Original (e)	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted
1964 -										
February	84.8	84.3	33.7	33.4	39.0	32.7	44.0	35.3	83.0	68.3
May	84.3	84.3	33.2	33.4	30.2	32.1	34.4	36.1	64.6	68.1
August	83.9	84.1	33.0	33.2	24.0	26.0	28.4	33.7	52.4	59.4
November	83.9	84.1	33.6	33.5	24.5	27.0	28.7	30.4	53.2	57.3
1965 -										
February	84.5	84.0	34.2	33.9	28.2	23.6	39.0	31.6	67.3	55.6
May	83.9	83.9	34.2	34.3	24.5	26.0	30.9	32.1	55.5	58.0
August	83.8	84.1	34.1	34.3	27.8	29.8	26.5	31.3	54.2	61.1
November	83.7	83.9	35.0	34.8	33.6	35.9	32.2	33.8	65.8	69.6
1966 -										
February	84.5	84.0	35.2	35.0	42.3	35.7	43.9	35.5	86.2	71.3
May	84.2	84.2	34.9	35.0	32.9	34.3	32.5	34.0	65.4	68.0
August	83.8	84.1	35.3	35.6	36.0	38.9	30.9	36.8	66.9	75.6
November	83.7	83.9	35.9	35.7	32.3	35.2	35.2	36.7	67.6	72.0
1967 -										
February	84.2	83.8	36.2	36.0	47.6	40.5	43.3	35.4	90.9	75.8
May	83.6	83.6	36.0	36.2	40.0	41.8	38.8	40.3	78.8	81.9
August	83.4	83.6	36.2	36.5	38.1	41.7	34.8	40.7	72.9	81.8
November	83.5	83.7	36.6	36.4	35.3	37.3	38.5	40.2	73.8	77.9
1968 -										
February	83.9	83.4	36.9	36.7	43.7	37.6	49.2	40.4	92.9	77.9
May	83.4	83.3	36.8	37.0	37.7	39.1	40.9	42.3	78.5	81.3
August	83.0	83.3	36.7	37.0	32.1	35.6	35.0	41.4	67.1	76.2
November	83.1	83.3	36.9	36.7	35.2	35.8	37.5	38.6	72.7	75.1
1969 -										
February	83.9	83.5	37.4	37.2	43.6	38.1	48.7	40.0	92.3	77.7
May	83.3	83.3	37.1	37.3	35.4	35.9	39.7	41.0	75.1	76.9
August	83.0	83.2	37.3	37.5	31.8	35.8	34.3	40.4	66.1	75.6
November	83.1	83.3	38.4	38.2	43.3	43.0	43.3	44.7	86.6	88.7
1970 -										
February	83.8	83.4	38.4	38.3	39.1	34.3	47.4	39.1	86.4	73.0
May	83.4	83.3	38.6	38.8	33.9	34.6	37.7	39.1	71.5	73.8
August	83.0	83.3	38.6	38.9	33.5	38.5	31.5	37.7	65.0	75.7
November	82.7	82.9	39.6	39.3	39.3	37.8	36.6	37.7	75.9	76.2
1971 -										
February (c)	83.1	82.7	39.5	39.3	41.7	37.0	51.3	40.8	93.0	78.6
May	82.9	82.9	39.4	39.6	44.0	45.7	38.7	41.5	82.7	85.9
August (d)	82.3	82.5	38.7	39.0	39.3	45.1	35.8	42.5	75.1	87.3
November	82.3	82.4	39.0	38.6	57.0	56.0	42.7	43.5	99.7	100.5
1972 -										
February (c)	82.8	82.5	38.9	38.7	74.8	66.8	61.0	48.5	135.8	114.8
May	82.5	82.5	38.6	38.9	61.0	62.6	49.2	53.5	110.2	115.2
August	82.3	82.5	39.4	39.7	67.4	77.4	53.9	64.5	121.3	141.7
November	82.5	82.6	40.6	40.2	70.7	68.5	65.5	66.0	136.3	134.8
1973 -										
February	82.6	82.3	40.5	40.3	67.9	60.6	75.6	60.0	143.5	121.5
May	82.0	82.0	39.9	40.2	50.7	52.9	49.5	54.5	100.2	106.3
August	82.0	82.2	40.3	40.5	41.0	47.8	40.6	48.7	81.6	96.1
November	82.1	82.2	41.3	40.9	54.3	50.8	51.3	51.0	105.6	101.9
1974 -										
February (c)	82.4	82.1	41.6	41.4	56.7	50.3	63.7	50.6	120.4	101.7

(a) For details of methods used in seasonally adjusting these series see *Seasonally Adjusted Indicators*, 1974 (Reference No. 1.10). (b) Civilians aged 15 years and over. For definitions see page 2, paragraphs 8 to 10. (c) See page 4, paragraph 24. (d) Excludes trainee teachers, some of whom were classified in the labour force for earlier periods. See page 4, paragraph 25. (e) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

NOTE. See page 4, paragraph 25, regarding discontinuity of the series and page 3, paragraph 16, regarding the effect of the new sample.

TABLE 4. - CIVILIAN LABOUR FORCE (a), BY AGE, FEBRUARY 1974

Age group (years)	Number ('000)				Per cent of population (b)			
	Males	Married women	All females	Persons	Males	Married women	All females	Persons
15-19	368.7	24.4	330.3	699.0	62.5	46.7	57.9	60.2
20-24	516.7	178.6	346.4	863.0	92.6	51.5	63.4	78.1
25-34	958.8	341.2	425.9	1,384.7	97.7	40.9	45.4	72.1
35-44	757.3	332.2	382.9	1,140.2	97.5	50.0	52.1	75.4
45-54	722.0	275.8	343.8	1,065.8	94.7	43.7	46.5	71.0
55-59	273.0	64.6	99.0	372.0	88.6	26.7	30.9	59.2
60-64	201.0	25.4	46.3	247.3	75.3	14.0	16.5	45.1
65 and over	95.5	7.0	22.8	118.3	19.9	3.1	3.4	10.3
Total	3,893.0	1,249.4	1,997.5	5,890.5	82.4	39.3	41.6	61.9

(a) Civilians aged 15 years and over. For definitions see page 2, paragraphs 8 to 10. (b) The labour force in each group as a percentage of the civilian population in the same group (labour force participation rate).

TABLE 5. - LABOUR FORCE PARTICIPATION RATES (a), BY AGE AND BIRTHPLACE, FEBRUARY 1974
(Per cent)

Age group (years)	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-19	62.9	57.4	60.2	63.2	61.6	62.4
20-24	93.4	63.2	78.3	93.8	65.1	79.8
25-34	98.3	43.2	70.6	98.0	51.6	76.6
35-44	97.9	49.3	73.5	98.0	59.2	80.4
45-54	94.7	44.9	69.2	96.6	52.0	76.7
55-59	88.7	29.0	57.3	90.4	40.5	68.0
60-64	73.9	16.1	43.5	82.2	18.7	52.2
65 and over	21.1	3.7	11.0	19.4	3.6	10.9
Total	82.1	40.9	61.0	86.0	46.3	67.3

(a) The labour force in each group as a percentage of the civilian non-institutional population aged 15 years and over in the same group. Persons in institutions for whom, for the purposes of the survey, the institution was regarded as their usual place of residence, have been omitted, since it is not practicable to ascertain the birthplace of such persons.

TABLE 6. - EMPLOYED PERSONS (a), BY OCCUPATION, FEBRUARY 1974
('000)

Occupation group	Males	Married women	Other females (b)	All females	Persons
Professional and technical	406.5	147.1	132.6	279.7	686.2
Administrative, executive and managerial	337.4	30.3	11.3	41.7	379.0
Clerical	308.9	356.4	285.1	641.5	950.4
Sales	235.7	155.3	93.9	249.2	484.9
Farmers, fishermen, timber-getters, etc.	364.3	53.8	9.1	62.9	427.2
Transport and communication	287.4	33.5	17.4	50.9	338.3
Tradesmen, production-process workers and labourers, n.e.c. (c)	1,719.2	210.9	60.8	271.7	1,990.9
Service, sport and recreation	176.9	229.4	106.7	336.2	513.1
Total	3,836.3	1,216.9	716.9	1,933.8	5,770.1

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) Never married, widowed and divorced. (c) Includes miners, quarrymen and related workers.

TABLE 7. - EMPLOYED PERSONS (a), BY OCCUPATION AND BIRTHPLACE, FEBRUARY 1974

Occupation group	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
NUMBER ('000)						
Professional and technical	299.9	219.5	519.4	106.6	60.2	166.9
Administrative, executive and managerial	249.8	32.4	282.2	87.6	9.2	96.8
Clerical	245.5	511.4	756.9	63.4	130.2	193.6
Sales	177.7	196.3	374.0	58.0	52.9	110.9
Farmers, fishermen, timber-getters, etc.	320.4	51.5	371.9	43.9	11.4	55.3
Transport and communication	232.7	43.1	275.8	54.7	7.8	62.5
Tradesmen, production-process workers and labourers, n.e.c. (b)	1,115.4	130.0	1,245.4	603.8	141.7	745.5
Service, sport and recreation	116.9	243.4	360.4	60.0	92.7	152.7
Total	2,758.3	1,427.7	4,186.0	1,078.0	506.1	1,584.1
PROPORTION OF TOTAL (Per cent)						
Professional and technical	10.9	15.4	12.4	9.9	11.9	10.5
Administrative, executive and managerial	9.1	2.3	6.7	8.1	1.8	6.1
Clerical	8.9	35.8	18.1	5.9	25.7	12.2
Sales	6.4	13.7	8.9	5.4	10.5	7.0
Farmers, fishermen, timber-getters, etc.	11.6	3.6	8.9	4.1	2.3	3.5
Transport and communication	8.4	3.0	6.6	5.1	1.5	3.9
Tradesmen, production-process workers and labourers, n.e.c. (b)	40.4	9.1	29.8	56.0	28.0	47.1
Services, sport and recreation	4.2	17.1	8.6	5.6	18.3	9.6
Total	100.0	100.0	100.0	100.0	100.0	100.0

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) Includes miners, quarrymen and related workers.

TABLE 8. - EMPLOYED PERSONS (a), BY INDUSTRY (b), FEBRUARY 1974 ('000)

Industry division	Males	Married women	Other females (c)	All females	Persons
Agriculture	305.5	58.2	9.8	68.0	373.5
Manufacturing	1,004.3	262.3	93.6	355.9	1,360.2
Construction	491.8	21.7	4.9	26.6	518.4
Wholesale and retail trade	694.5	300.5	182.5	483.0	1,177.5
Transport and storage	266.3	24.3	12.7	37.0	303.3
Finance, insurance, real estate and business services	226.8	87.2	100.8	188.0	414.8
Community services (d)	272.5	261.0	184.8	445.8	718.3
Entertainment, recreation, restaurants, hotels and personal services	141.1	142.5	73.6	216.1	357.1
Other industries	433.5	59.2	54.3	113.5	547.0
Total	3,836.3	1,216.9	716.9	1,933.8	5,770.1

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) See page 3, paragraphs 13 and 14, regarding the basis of industry coding. (c) Never married, widowed and divorced. (d) Comprises health; education, libraries, etc.; welfare and religious institutions; and other community services.

TABLE 9. - EMPLOYED PERSONS (a), BY INDUSTRY (b) AND BIRTHPLACE, FEBRUARY 1974

Industry division	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
NUMBER ('000)						
Agriculture	273.5	56.7	330.2	32.0	11.3	43.3
Manufacturing	616.8	199.0	815.8	387.5	156.8	544.4
Construction	330.1	19.8	349.8	161.7	6.9	168.6
Wholesale and retail trade	519.9	376.1	896.0	174.7	106.9	281.5
Transport and storage	208.7	29.1	237.7	57.6	8.0	65.6
Finance, insurance, real estate and business services	173.9	149.9	323.8	52.9	38.1	91.0
Community services (c)	203.2	342.5	545.7	69.3	103.3	172.6
Entertainment, recreation, restaurants, hotels and personal services	97.1	165.2	262.3	44.0	50.8	94.8
Other industries	335.3	89.4	424.7	98.2	24.1	122.3
Total	2,758.3	1,427.7	4,186.0	1,078.0	506.1	1,584.1
PROPORTION OF TOTAL (Per cent)						
Agriculture	9.9	4.0	7.9	3.0	2.2	2.7
Manufacturing	22.4	13.9	19.5	36.0	31.0	34.4
Construction	12.0	1.4	8.4	15.0	1.4	10.6
Wholesale and retail trade	18.9	26.3	21.4	16.2	21.1	17.8
Transport and storage	7.6	2.0	5.7	5.3	1.6	4.1
Finance, insurance, real estate and business services	6.3	10.5	7.7	4.9	7.5	5.7
Community services (c)	7.4	24.0	13.0	6.4	20.4	10.9
Entertainment, recreation, restaurants, hotels and personal services	3.5	11.6	6.3	4.1	10.0	6.0
Other industries	12.2	6.3	10.1	9.1	4.8	7.7
Total	100.0	100.0	100.0	100.0	100.0	100.0

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) See page 3, paragraphs 13 and 14 regarding the basis of industry coding. (c) See footnote (d) to Table 8.

TABLE 10. - EMPLOYED PERSONS (a), BY HOURS WORKED (b), FEBRUARY 1974

	<i>Males</i>	<i>Married women</i>	<i>Other females (c)</i>	<i>All females</i>	<i>Persons</i>
NUMBER EMPLOYED ('000)					
Hours worked -					
0 (d)	201.4	63.0	34.0	97.0	298.4
1-15	78.9	175.0	58.1	233.0	312.0
16-29	97.0	200.9	38.8	239.7	336.8
30-34	88.6	96.8	31.6	128.4	217.1
35-39	362.3	170.4	166.0	336.4	698.7
40	1,485.2	365.2	293.8	659.0	2,144.3
41-44	227.6	38.1	33.5	71.5	299.1
45-48	388.4	37.6	27.2	64.8	453.2
49 and over	906.7	69.9	34.0	103.9	1,010.7
Total	3,836.3	1,216.9	716.9	1,933.8	5,770.1
Full-time workers (e)	3,701.9	762.6	608.6	1,371.3	5,073.2
Part-time workers (e)	134.4	454.3	108.3	562.6	697.0
AVERAGE HOURS WORKED (f)					
Industry division -					
Agriculture	55.3	32.3	44.3	34.0	51.4
Manufacturing	41.0	34.2	36.4	34.8	39.3
Construction	41.1	20.8	36.8	23.7	40.2
Wholesale and retail trade	43.2	31.8	33.1	32.3	38.7
Transport and storage	41.6	28.4	37.8	31.7	40.4
Finance, insurance, real estate and business services	40.1	28.8	35.1	32.2	36.5
Community services	41.0	29.8	35.6	32.2	35.5
Entertainment, recreation, restaurants, hotels and personal services	41.4	27.3	30.2	28.3	33.5
Other industries	37.9	30.6	34.3	32.4	36.8
All industries -					
Wage and salary earners	40.2	30.4	34.4	32.0	37.3
Other (g)	52.2	33.8	37.4	34.2	48.0
Full-time workers (e)	43.1	38.8	37.9	38.4	41.9
Part-time workers (e)	15.9	17.4	15.3	17.0	16.8
Total all industries	42.2	30.8	34.5	32.2	38.8

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) Actual hours worked during survey week, not hours paid for. The figures may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, accidents and industrial disputes; and work stoppages due to bad weather, plant breakdown, etc. (c) Never married, widowed and divorced. (d) Excludes persons laid off without pay for the whole of survey week; these persons are classified as unemployed. (e) For definitions see page 3, paragraph 11. (f) Persons with jobs who did not work during survey week have been included in the calculation of average hours worked. When recording hours worked, fractions of an hour are disregarded. This procedure results in a slight lowering of the average hours figures. (g) Employers, self-employed and unpaid family helpers.

TABLE 11. – EMPLOYED PERSONS (a) WHO WORKED LESS THAN 35 HOURS (b), BY REASON, FEBRUARY 1974 ('000)

<i>Reason for working less than 35 hours</i>	<i>Males</i>	<i>Married women</i>	<i>Other females (c)</i>	<i>All females</i>	<i>Persons</i>
USUALLY WORK 35 HOURS OR MORE					
Leave or holiday	181.8	45.9	32.1	78.0	259.8
Own illness or injury	101.7	25.8	16.7	42.5	144.2
Bad weather, breakdown, etc.	13.5	*	*	*	15.0
Began or lost job in survey week	12.0	4.9	4.6	9.5	21.5
On short time	*	*	*	*	5.2
Other reasons	19.3	*	*	*	21.5
Total	331.7	81.4	54.2	135.6	467.3
USUALLY WORK LESS THAN 35 HOURS					
Preferred part-time work	121.5	430.8	101.2	532.0	653.5
Lack of work	7.4	9.5	4.6	14.1	21.5
Other reasons	5.5	14.1	*	16.5	22.0
Total	134.4	454.3	108.3	562.6	697.0

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) See note (b) to Table 10. (c) Never married, widowed and divorced.

* Less than 4,000. See page 21, paragraph 10.

TABLE 12. – EMPLOYED MARRIED WOMEN (a), BY INDUSTRY (b) AND HOURS WORKED (c), FEBRUARY 1974 ('000)

Industry division (b)	Part-time workers (d)				Full-time workers (d)	Total
	Hours worked (c)					
	Under 16	16-29	30-34	Total		
Agriculture	11.9	13.4	4.0	29.3	28.9	58.2
Manufacturing	16.6	21.8	13.2	51.6	210.7	262.3
Wholesale and retail trade	50.0	50.7	15.0	115.7	184.8	300.5
Community services (e)	36.1	46.4	25.2	107.6	153.4	261.0
Entertainment, recreation, restaurants, hotels and personal services	44.1	27.4	8.6	80.1	62.4	142.5
Other industries	33.2	25.2	11.6	70.0	122.4	192.4
Total	191.9	184.9	77.6	454.3	762.6	1,216.9

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) See page 3, paragraphs 13 and 14 regarding the basis of industry coding. (c) See note (b) Table 10. (d) For definitions see page 3, paragraph 11. (e) Comprises health, education, libraries, etc.; welfare and religious institutions; and other community services.

TABLE 13. – UNEMPLOYED PERSONS (a), BY AGE, FEBRUARY 1974

<i>Age group (years)</i>	<i>Number unemployed ('000)</i>				<i>Per cent of labour force (b)</i>			
	<i>Males</i>	<i>Married women</i>	<i>All females</i>	<i>Persons</i>	<i>Males</i>	<i>Married women</i>	<i>All females</i>	<i>Persons</i>
15-19	18.7	*	23.2	41.9	5.1	*	7.0	6.0
20 and over –								
20-24	12.4	9.2	15.3	27.7	2.4	5.2	4.4	3.2
25-34	9.6	10.5	13.1	22.7	1.0	3.1	3.1	1.6
35-44	6.0	7.4	7.9	13.9	0.8	2.2	2.1	1.2
45-54	5.4	*	*	8.7	0.7	*	*	0.8
55 and over	4.5	*	*	5.4	0.8	*	*	0.7
Total 20 and over	37.9	30.4	40.5	78.4	1.1	2.5	2.4	1.5
Total	56.7	32.4	63.7	120.4	1.5	2.6	3.2	2.0

(a) Civilians aged 15 years and over. For definition see page 3, paragraph 10. (b) The unemployed in each group as a percentage of the civilian labour force in the same group.

* Less than or based on a figure less than 4,000. See page 21, paragraph 10.

TABLE 14. – UNEMPLOYED PERSONS (a), BY AGE AND BIRTHPLACE, FEBRUARY 1974

Age group (years)	Number unemployed ('000)			Per cent of labour force (b)		
	Males	Females	Persons	Males	Females	Persons
BORN IN AUSTRALIA						
15-19	15.4	20.1	35.4	4.9	7.1	5.9
20 and over –						
20-24	9.2	12.5	21.7	2.2	4.5	3.2
25-34	6.2	8.4	14.5	0.9	2.9	1.5
35 and over	9.3	5.9	15.3	0.7	0.9	0.7
Total 20 and over	24.7	26.7	51.5	1.0	2.2	1.4
Total	40.1	46.8	86.9	1.4	3.2	2.0
BORN OUTSIDE AUSTRALIA						
15-19	*	*	6.5	*	*	6.5
20 and over –						
20-24	*	*	6.0	*	*	3.4
25-34	*	4.8	8.2	*	3.5	1.9
35 and over	6.6	6.2	12.8	1.0	2.3	1.5
Total 20 and over	13.2	13.8	27.0	1.3	2.9	1.8
Total	16.6	16.9	33.5	1.5	3.2	2.1

(a) Civilians aged 15 years and over. For definition see page 3, paragraph 10. (b) The unemployed in each group as a percentage of the civilian labour force in the same group.

*Less than or based on a figure less than 4,000. See page 21, paragraph 10.

TABLE 15. – UNEMPLOYMENT RATES (a), STATE CAPITAL CITIES AND OTHER AREAS (Per cent)

Month	State capital cities (b)			Other areas		
	Males	Females	Persons	Males	Females	Persons
1972 –						
November	1.9	3.0	2.3	1.8	4.4	2.6
1973 –						
February	1.8	3.8	2.5	1.8	4.4	2.5
May	1.2	2.1	1.6	1.5	3.6	2.1
August	1.0	1.8	1.3	1.2	2.8	1.7
November †	1.4	2.2	1.7	1.4	3.5	2.0
1974 –						
February	1.3	2.6	1.8	1.6	4.4	2.5

(a) The unemployed in each group as a percentage of the civilian labour force in the same group. (b) The figures relate to persons residing within the boundaries of the relevant Statistical Divisions. Explanatory notes on the delimitation of urban boundaries and maps showing the boundaries of the capital city Statistical Divisions were published in *Census of Population and Housing, 30 June 1971 – Field Count Statement Nos. 3 to 8.*

TABLE 16. – UNEMPLOYED PERSONS (a) LOOKING FOR FULL-TIME AND LOOKING FOR PART-TIME WORK, FEBRUARY 1974

	Males	Married women	Other females (b)	All females	Persons
Looking for full-time work (c) –					
Number ('000)	51.3	15.8	26.4	42.1	93.5
Unemployment rate (d) (per cent)	1.4	2.0	4.2	3.0	1.8
Looking for part-time work (c) –					
Number ('000)	5.3	16.7	4.9	21.5	26.9
Unemployment rate (d) (per cent)	3.8	3.5	4.3	3.7	3.7

(a) Civilians aged 15 years and over. For definition see page 3, paragraph 10. (b) Never married, widowed and divorced. (c) Includes persons laid off for the whole week from full-time jobs. (d) The unemployed in each group as a percentage of the labour force in the same group. (e) Includes persons laid off for the whole week from part-time jobs.

TABLE 17. - UNEMPLOYED PERSONS (a), BY DURATION OF UNEMPLOYMENT (b), FEBRUARY 1974

	<i>Males</i>	<i>Married women</i>	<i>Other females (c)</i>	<i>All females</i>	<i>Persons</i>
NUMBER UNEMPLOYED ('000)					
Duration of unemployment -					
Under 2 weeks	11.9	9.9	6.8	16.8	28.7
2 weeks and under 4 weeks	18.2	12.5	9.0	21.5	39.7
4 weeks and under 8 weeks	11.7	5.0	5.6	10.6	22.3
8 weeks and under 13 weeks	8.6	*	6.6	9.2	17.8
13 weeks and over	6.3	*	*	5.7	11.9
<i>Total</i>	<i>56.7</i>	<i>32.4</i>	<i>31.2</i>	<i>63.7</i>	<i>120.4</i>
AVERAGE DURATION OF UNEMPLOYMENT (d) (Weeks)					
Persons -					
Aged 15-19 years	6.0	*	7.4	7.2	6.6
Aged 20 years and over	7.9	4.9	7.9	5.6	6.7
<i>All unemployed persons</i>	<i>7.3</i>	<i>4.9</i>	<i>7.5</i>	<i>6.2</i>	<i>6.7</i>

(a) Civilians aged 15 years and over. For definition see page 3, paragraph 10. (b) Period from the time the person began looking for work, or was laid off, to the end of survey week. (c) Never married, widowed and divorced. (d) Periods of unemployment are recorded only in complete weeks; the averages shown are affected accordingly.

* Less than, or based on a figure less than 4,000. See page 21, paragraph 10.

TABLE 18. - UNEMPLOYED PERSONS (a), BY DURATION OF UNEMPLOYMENT (b), BY AGE, ETC., FEBRUARY 1974 ('000)

Duration of unemployment (b) (weeks)	Age (years)		Married	Not married (c)	Looking for -		Total
	15-19	20 and over			Full-time work (d)	Part-time work (e)	
MALES							
Under 2	*	8.8	5.2	6.7	10.5	*	11.9
2 and under 4	6.2	12.0	4.7	13.5	16.0	*	18.2
4 and under 13	8.4	11.9	6.5	13.9	19.0	*	20.3
13 and over	*	5.1	*	*	5.8	*	6.3
Total	18.7	37.9	20.2	36.5	51.3	5.3	56.7
FEMALES							
Under 2	4.6	12.1	9.9	6.8	9.5	7.2	16.8
2 and under 4	6.1	15.3	12.5	9.0	14.2	7.2	21.5
4 and under 13	9.9	9.9	7.5	12.3	14.2	5.6	19.8
13 and over	*	*	*	*	4.1	*	5.6
Total	23.2	40.5	32.4	31.2	42.1	21.5	63.7
PERSONS							
Under 2	7.7	21.0	15.1	13.5	20.1	8.6	28.7
2 and under 4	12.3	27.4	17.2	22.5	30.2	9.4	39.7
4 and under 13	18.3	21.8	14.0	26.1	33.3	6.8	40.1
13 and over	*	8.3	6.3	5.6	9.9	*	11.9
Total	41.9	78.4	52.6	67.7	93.5	26.9	120.4

(a) Civilians aged 15 years and over. For definition see page 3, paragraph 10. (b) Period from the time the person began looking for work, or was laid off, to the end of survey week. (c) Never married, widowed and divorced. (d) includes persons laid off for the whole week from full-time jobs. (e) Includes persons laid off for the whole week from part-time jobs.

* Less than 4,000. See page 21, paragraph 10.

TABLE 19. - UNEMPLOYMENT RATES (a), BY INDUSTRY AND OCCUPATION, FEBRUARY 1974
(Per cent)

<i>Industry division (b)</i>	<i>Unemployment rate</i>	<i>Occupation group (c)</i>	<i>Unemployment rate</i>
Agriculture	1.2	Professional and technical	1.2
Manufacturing	1.6	Clerical	2.0
Construction	2.0	Sales	2.4
Wholesale and retail trade	2.0	Farmers, fishermen, timber-getters, etc.	1.4
Transport and storage	1.5	Transport and communication	1.3
Finance, insurance, real estate and business services	1.5	Tradesmen, production-process workers and labourers, n.e.c. (e)	1.8
Community services (d)	1.4	Service, sport and recreation	2.6
Entertainment, recreation, restaurants, hotels and personal services	3.1	Other occupations	*
Other industries	1.3		
Total	2.0	Total	2.0

(a) The unemployed in each group as a percentage of the civilian labour force in same group. (b) Classified according to ASIC. See page 3, paragraphs 13 and 14. Based on industry of last job. (c) Based on occupation of last job. (d) See note (e) to Table 12. (e) Includes miners, quarrymen and related workers.

* Based on a figure less than 4,000. See page 21, paragraph 10.

TABLE 20. - UNEMPLOYED PERSONS (a) : INDUSTRY, OCCUPATION AND DURATION OF UNEMPLOYMENT (b)
FEBRUARY 1974
(^{'000})

<i>Industry division (c)</i>	<i>Number unemployed</i>	<i>Occupation group (d)</i>	<i>Number unemployed</i>
Agriculture	4.7	Professional and technical	8.1
Manufacturing	22.4	Clerical	19.1
Under 2 weeks	5.5	Under 2 weeks	5.9
2 and under 4 weeks	6.9	2 and under 4 weeks	6.5
4 and under 13 weeks	6.5	4 weeks and over	6.7
Construction	10.7	Sales	11.9
Under 4 weeks	6.5	Under 4 weeks	7.2
4 weeks and over	4.2	4 weeks and over	4.7
Wholesale and retail trade	23.4	Farmers, fishermen, timber-getters, etc.	6.1
Under 2 weeks	4.7	Transport and communication	4.5
2 and under 4 weeks	9.5	Tradesmen, production-process workers and labourers, n.e.c. (f)	35.6
4 and under 8 weeks	5.0	Under 2 weeks	8.2
8 weeks and over	4.2	2 and under 4 weeks	11.9
Transport and storage	4.8	4 and under 13 weeks	10.0
Finance, insurance, real estate and business services	6.3	13 weeks and over	5.4
Community services (e)	10.1	Service, sport and recreation	13.7
Entertainment, recreation, restaurants, hotels and personal services	11.5	Under 2 weeks	4.0
Other industries	7.3	2 and under 4 weeks	5.0
Looking for first job	19.1	4 weeks and over	4.7
Under 4 weeks	8.2	Other occupations	*
4 and under 13 weeks	9.3	Looking for first job	19.1
		Under 4 weeks	8.2
		4 and under 13 weeks	9.3
		13 weeks and over	1.7
Total	120.4	Total	120.4

(a) Civilians aged 15 years and over. For definition see page 3, paragraph 10. (b) Duration of unemployment is not available for all industry or occupational groups because of high standard errors on the estimates. (c) See note (b) to Table 19. (d) See note (c) to Table 19. (e) See note (e) to Table 12. (f) See note (e) to Table 19.

* Less than 4,000. See page 21, paragraph 10.

TABLE 21. - PERSONS NOT IN THE LABOUR FORCE (a), BY MAJOR ACTIVITY ('000)

Month	Kept house	Went to school, etc.	Retired or voluntarily idle	Permanently unable to work	Institutionalised (b)	Total
MALES						
1972 - November	11.6	266.3	433.7	44.1	51.7	807.5
1973 - February	9.4	197.5	498.2	40.4	61.4	806.8
May	9.7	269.0	462.1	41.6	56.7	839.0
August	12.1	275.0	464.8	38.4	49.6	839.9
November †	12.6	262.0	478.1	32.3	52.8	837.8
1974 - February	11.2	218.6	517.2	39.4	45.1	831.6
MARRIED WOMEN						
1972 - November	1,902.1	8.5	23.4	5.3	10.4	1,949.7
1973 - February	1,928.6	4.7	21.9	5.0	11.1	1,971.2
May	1,934.1	5.4	25.4	5.9	10.0	1,980.8
August	1,900.5	7.4	25.3	5.6	8.9	1,947.8
November †	1,877.4	7.0	25.6	*	11.4	1,925.3
1974 - February	1,885.4	6.4	31.0	*	7.5	1,933.7
OTHER FEMALES (c)						
1972 - November	438.1	217.3	108.2	22.8	50.8	837.2
1973 - February	453.9	171.4	136.2	19.8	55.0	836.3
May	445.3	223.4	114.8	18.2	57.5	859.1
August	443.6	242.2	118.3	16.7	58.3	879.1
November †	454.0	218.4	128.3	14.9	61.3	876.9
1974 - February	459.0	187.7	145.4	14.8	60.0	867.0
ALL FEMALES						
1972 - November	2,340.2	225.8	131.6	28.1	61.3	2,786.9
1973 - February	2,382.5	176.1	158.1	24.8	66.1	2,807.5
May	2,379.4	228.8	140.2	24.1	67.4	2,839.9
August	2,344.1	249.6	143.6	22.3	67.3	2,826.9
November †	2,331.5	225.5	153.9	18.7	72.7	2,802.2
1974 - February	2,344.4	194.2	176.4	18.1	67.6	2,800.7
PERSONS						
1972 - November	2,351.8	492.1	565.3	72.2	113.0	3,594.4
1973 - February	2,391.8	373.6	656.3	65.1	127.5	3,614.3
May	2,389.1	497.8	602.3	65.7	124.1	3,678.9
August	2,356.2	524.7	608.4	60.7	116.9	3,666.8
November †	2,344.1	487.4	632.0	51.0	125.5	3,640.0
1974 - February	2,355.6	(d)412.8	693.6	57.5	112.7	3,632.3

(a) Civilians aged 15 years and over. For definition see page 3, paragraph 12. (b) Comprises inmates of goals, patients in hospitals, sanatoria, etc., for whom, for the purpose of the survey, the institution was regarded as their dwelling. (c) Never married, widowed and divorced. (d) See page 4, paragraph 24.

* Less than 4,000. See page 21, paragraph 10.

TECHNICAL NOTE

Estimation procedure

The Estimates are derived from the quarterly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Redesign and reselection of the sample

2. The design of the sample on which the labour force survey is based has been thoroughly investigated and a more efficient sampling plan has been devised. Data obtained in the 1971 Census of Population and Housing have been used to reselect the sample in accordance with the improved design.

3. Before the redesign, a one per cent sample throughout Australia was used. About 40,000 private dwellings (houses, flats, etc.) as well as a sample of other dwellings (hotels, motels, etc.) were included. In the revised sample the proportion of the population included varies from State to State, but in aggregate about two-thirds of one per cent of the population of Australia is included. The revised sample consists of about 27,000 private dwellings as well as a sample of other dwellings.

4. In order to appraise changes in the estimates due to the introduction of the revised sample, it was phased in over three surveys. In the May 1972 survey half of the revised sample from metropolitan areas replaced half of the previous metropolitan sample. In August 1972 the other half of the revised metropolitan sample, together with half of the revised sample from non-metropolitan areas, was introduced. In November 1972 the changeover was completed with the introduction of the remaining half of the revised non-metropolitan sample.

Reliability of the estimates

5. Since the estimates in this bulletin are based on a sample, they may differ from the figures that would have been obtained from a complete census using the same questionnaires and procedures. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample, and not the whole population, was enumerated. There are about two chances in three that a sample estimate will differ by less

than one standard error from the figure that would have been obtained from a comparable complete enumeration, and about nineteen chances in twenty that the difference will be less than two standard errors.

6. Space does not allow for the separate indication of the standard errors of all estimates in this bulletin. A table of *standard errors* for general application to estimates from the revised sample is given below (Table A). These figures will not give a precise measure of standard error of a particular estimate since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics. However, they will provide an indication of the magnitude of the standard error of any particular estimate for any particular survey. An example of the use of Table A is as follows: if the estimate obtained from the sample is 100,000 and the standard error is 3 per cent of the estimate, i.e. 3,000, there are about two chances in three that the true figure is within the range 97,000 to 103,000 and about nineteen chances in twenty that this figure is between 94,000 and 106,000.

7. The quarter-to-quarter change in the level of an estimate is also subject to sampling variability. The standard error of the change depends on the standard error of the level of the estimate, rather than on the change itself. Final estimates of the standard errors of movement have not yet been calculated, but an indication of the magnitude of standard errors of quarter-to-quarter change is given in Table B below. The estimates of standard error of quarter-to-quarter change apply only to estimates of change between two consecutive quarters. Changes between corresponding quarters of consecutive years, or between two other non-consecutive quarters, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Furthermore, changes during the period February to November 1972 will have greater standard error than indicated in Table B, because of the introduction of the revised sample. An example of the use of Table B is as follows: if the estimates for two successive quarters were 500,000 and 520,000 then from Table A it can be seen that the standard errors of these two estimates would be of the order of 6,000 and from Table B that the standard error of the quarter-to-quarter change would be 5,000. That is, there are about two chances in three that the quarter-to-quarter change lies between 15,000 and 25,000 and about nineteen chances in twenty that it lies between 10,000 and 30,000.

TABLE A
STANDARD ERRORS OF QUARTERLY ESTIMATES

Size of estimate (persons)	Approximate standard error of estimates	
	Persons	Per cent of estimate
4,000	800	20.0
5,000	900	18.0
10,000	1,200	12.0
20,000	1,600	8.0
50,000	2,300	4.6
100,000	3,000	3.0
200,000	4,000	2.0
500,000	6,000	1.2
1,000,000	8,000	0.8
2,000,000	10,000	0.5

TABLE B
STANDARD ERRORS OF ESTIMATES OF
QUARTER-TO-QUARTER CHANGE
(Persons)

Standard error of quarterly level	Standard error of quarter-to-quarter change
1,000	1,300
2,000	2,500
3,000	3,600
4,000	4,300
5,000	4,700
6,000	5,000
7,000	5,200
8,000	5,300

8. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Estimates for females also tend to have higher standard errors than estimates of equivalent size for males in similar employment categories.

9. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the percent standard error of the estimated percentage will generally be lower than the per cent standard error of the estimate of the estimate of the numerator. The per cent standard errors of the numerators can be obtained from Table A.

10. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard*

error. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this bulletin, estimates less than 4,000 have not been shown. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

11. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

POPULATION SURVEY REPORTS

Although emphasis in the population survey is placed on the regular collection, each quarter, of data on demographic and labour force characteristics, supplementary surveys of particular aspects of the labour force or of other subjects are carried out from time to time. The results of these surveys are published separately. Copies of the following publications are available free on request.

<i>Title</i>	<i>Reference No</i>
Assisted and Unassisted Migrants, August 1972	17.9
Australian Ex-service Personnel, November 1966	15.1
Ex-service Personnel, Widows and Children, November 1971	15.1
Child Care, May 1969	17.2
Child Care, May 1973 (Preliminary Statement)	17.11
Chronic Illnesses, Injuries and Impairments, May 1968	17.3
Income Distribution, 1968-69 –	
Part 1	17.6
Part 2	17.8
Part 3	17.12
Internal Migration (Preliminary Statement) –	
1971-72, May 1972	4.24
1972-73, May 1973	4.24
Journey to Work and Journey to School, May 1970	17.5
Labour Force Experience During 1968	6.26
Labour Force Experience During 1972 (Preliminary Statement)	6.38
Labour Mobility, November 1972 (Preliminary Statement)	6.34
Leavers from Schools, Universities and Other Educational Institutions –	
February 1964, 1965, 1966 and 1967	S.B. 679
February 1968, 1969 and 1970	6.9
February 1971	6.9
February 1972	6.9
February 1973	6.9
Multiple Jobholding –	
November 1965	S.B. 465
August 1966	S.B. 564
August 1967	6.10
May 1971	6.10
August 1973 (Preliminary Statement)	6.39
Non-School Study Courses, August 1968	13.11
Persons Covered by Hospital and Medical Expenditure Assistance Schemes, August 1972	17.10
Superannuation, Victoria, May 1968	6.19
Superannuation, February 1974 (Preliminary Statement)	6.41
The Labour Force : Country of Birth and Period of Residence, February 1972	6.31

J. G. MILLER
Acting Commonwealth Statistician

Australian Bureau of Statistics
Canberra, A.C.T. 2600

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning Mr D. Power on 63 9111 extension 2346 or, in each State capital, by telephoning the office of the Australian Bureau of Statistics.